

Professional Audio Service Bulletin

Mincom
Division

3M
COMPANY

BULLETIN NO. 10

Subject: Logic Board Modification to Prevent Overdissipation of Bias Oscillator Resistors

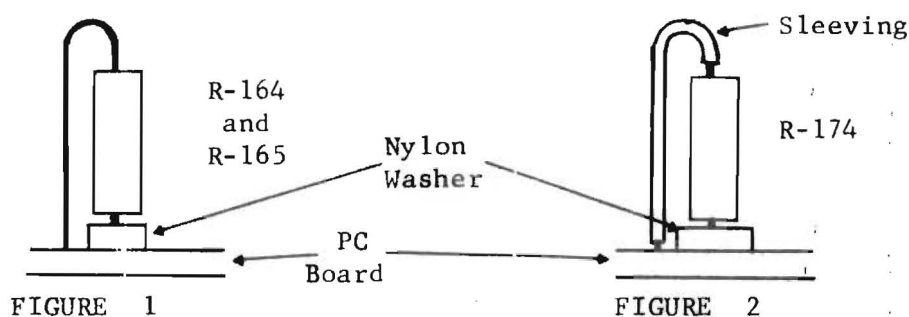
Applicable to: All M-79 8, 16 & 24 Track Recorders

Parts Required: 2 ea. 33 ohm 2W Resistor - Mincom Catalog No. 83-9520-5514
1 ea. 10 ohm 2W Resistor - Mincom Catalog No. 83-9520-5508
3 ea. Nylon Washer - Mincom Catalog No. 83-9630-0435
1 1/2" AR #16 Teflon Sleeving

Procedure:

This modification involves changing R-174, R-164 and R-165 from 1/2 watt to 2 watt values.

- 1) Remove Logic Board from machine.
- 2) Unsolder and remove R-164, R165 and R174.
- 3) Enlarge Resistor lead holes in pc board using a #54 drill to accept new resistor leads.
- 4) Install 33 ohm 2W resistor in place of R164 and R165 (see figure 1).
- 5) Install 10 ohm 2W resistor in place of R174 (see figure 2).
- 6) Install Logic Board in machine.
- 7) Change instruction manual parts list and schematic to reflect the changes.



March 1974

Professional Audio Service Bulletin

3M

BULLETIN NO. 10

Bulletin No.
Date

Subject: Logic Board Modification to Prevent Overdissipation of Bias Oscillator Resistors

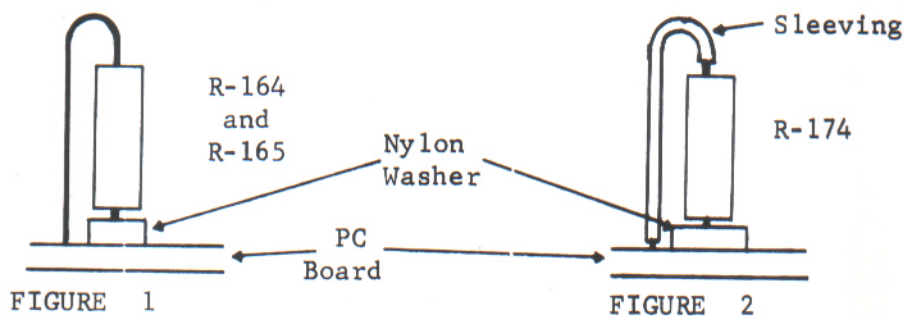
Applicable to: All M-79 8, 16 & 24 Track Recorders

Parts Required: 2 ea. 33 ohm 2W Resistor - Mincom Catalog No. 83-9520-5514
1 ea. 10 ohm 2W Resistor - Mincom Catalog No. 83-9520-5508
3 ea. Nylon Washer - Mincom Catalog No. 83-9630-0435
1 1/2" AR #16 Teflon Sleeving

Procedure:

This modification involves changing R-174, R-164 and R-165 from 1/2 watt to 2 watt values.

- 1) Remove Logic Board from machine.
- 2) Unsolder and remove R-164, R-165 and R-174.
- 3) Enlarge Resistor lead holes in pc board using a #54 drill to accept new resistor leads.
- 4) Install 33 ohm 2W resistor in place of R-164 and R-165 (see figure 1).
- 5) Install 10 ohm 2W resistor in place of R-174 (see figure 2).
- 6) Install Logic Board in machine.
- 7) Change instruction manual parts list and schematic to reflect the changes.



Professional Audio Service Bulletin



BULLETIN NO. 10

Bulletin No.

Date

Subject: Logic Board Modification to Prevent Overdissipation of Bias Oscillator Resistors

Applicable to: All M-79 8, 16 & 24 Track Recorders

Parts Required: 2 ea. 33 ohm 2W Resistor - Mincom Catalog No. 83-9520-5514
1 ea. 10 ohm 2W Resistor - Mincom Catalog No. 83-9520-5508
3 ea. Nylon Washer - Mincom Catalog No. 83-9630-0435
1 1/2" AR #16 Teflon Sleeving

Procedure:

This modification involves changing R-174, R-164 and R-165 from 1/2 watt to 2 watt values.

- 1) Remove Logic Board from machine.
- 2) Unsolder and remove R-164, R165 and R174.
- 3) Enlarge Resistor lead holes in pc board using a #54 drill to accept new resistor leads.
- 4) Install 33 ohm 2W resistor in place of R164 and R165 (see figure 1).
- 5) Install 10 ohm 2W resistor in place of R174 (see figure 2).
- 6) Install Logic Board in machine.
- 7) Change instruction manual parts list and schematic to reflect the changes.

